

**To:** Gieck, Tom (TE)[gieckte@dow.com]  
**Cc:** Lyndsey Nguyen (Nguyen.Lyndsey@epa.gov)[Nguyen.Lyndsey@epa.gov]  
**From:** Daly, Eric  
**Sent:** Fri 2/10/2017 5:20:02 PM  
**Subject:** RE: Niagara Falls Boulevard Site-Union Carbide  
Table 9 NFB Validated SAT Rad Soil Analytical Results 20160616.pdf

Hi Tom:

I received your email. None of the data I forwarded to you is post excavation. Some of the areas sampled are perimeter locations and may have background levels. This was part of our assessment based off of previous data. I have attached a soil data table from our Pre-Remedial Program. This was assessment work conducted by EPA prior to my removal team taking over. You will see some highlighted Ra-226 and Ra-228 values. For example, our background soil sample results may average around 1.5 pCi/g for Ra-226. Our cleanup value for Ra-226 is 2.48 pCi/g based on site specific risk using the PRG calculator. Therefore, areas that exhibit higher soil values of 2.48 pCi/g for Ra-226 would need to be removed. The site health physicist is not in the office until Monday. I will pass your email info on to her and we may be able to respond with further comments next week.

Regards,  
Eric M. Daly  
On-Scene Coordinator/Radiological Response Specialist  
US Environmental Protection Agency- Region II  
ERRD/RPB/PPS  
2890 Woodbridge Avenue  
Edison, NJ 08837  
daly.eric@epa.gov  
908-420-1707

"We must, indeed, all hang together, or assuredly we shall all hang separately", Benjamin Franklin

---

**From:** Gieck, Tom (TE) [mailto:gieckte@dow.com]  
**Sent:** Friday, February 10, 2017 10:53 AM  
**To:** Daly, Eric <Daly.Eric@epa.gov>  
**Subject:** RE: Niagara Falls Boulevard Site-Union Carbide

Hello Eric:

As I indicated this morning I have attached some documents that contain some analytical data of the slag residue resulting from UCC columbium production. I would like to compare this data to the data on contaminated materials excavated EPA. I reviewed the data you sent attached to the e-mail below at it appears to be perhaps soil confirmation data (post clean-up) and not contaminated material data. Could you please send me the analytical data associated with excavated contaminated materials (slag) or waste disposal manifests – would be greatly appreciated.

Also note that I have relocated my office and have a new phone number.

Thanks  
Tom

---

Thomas E. Gieck  
Remediation Leader

ED\_001490A\_00001231-00001

2764 Compass Drive, Suite 114, Grand Junction, CO 81506  
direct: 970.243.3260 | mobile: 970.260.2249  
workstation IP: 979.238.3919 | fax: 970.245.7543  
[gieckte@dow.com](mailto:gieckte@dow.com)

---

**From:** Daly, Eric [<mailto:Daly.Eric@epa.gov>]  
**Sent:** Wednesday, November 16, 2016 10:45 AM  
**To:** Gieck, Tom (TE) <[gieckte@dow.com](mailto:gieckte@dow.com)>  
**Subject:** Niagara Falls Boulevard Site-Union Carbide  
**Importance:** High

Hi Tom:

How are you? I was pulled from the site last week due to a fire response in Lackawanna, NY. I am attaching the finalized analytical soil data my team has obtained so far. This consist of the raw lab data and the data tables we use to easily review the data. Please send me any information you have in regard to historical data from your facility in Niagara County.

Thanks

Regards,  
Eric M. Daly  
On-Scene Coordinator/Radiological Response Specialist  
US Environmental Protection Agency- Region II  
ERRD/RPB/PPS  
2890 Woodbridge Avenue  
Edison, NJ 08837  
[daly.eric@epa.gov](mailto:daly.eric@epa.gov)  
908-420-1707

"We must, indeed, all hang together, or assuredly we shall all hang separately", Benjamin Franklin

---

**From:** Daly, Eric [<mailto:Daly.Eric@epa.gov>]  
**Sent:** Monday, October 31, 2016 10:36 PM  
**To:** Gieck, Tom (TE) <[gieckte@dow.com](mailto:gieckte@dow.com)>  
**Subject:** Re: Niagara Falls

Thanks Tom. My info is below

Regards,

Eric

"We must, indeed, all hang together, or assuredly we shall all hang separately", Benjamin Franklin  
Eric M. Daly  
On-Scene Coordinator/Radiological Response Specialist  
US Environmental Protection Agency- Region II  
ERRD/RPB/PPS  
[2890 Woodbridge Avenue](mailto:daly.eric@epa.gov)  
[Edison, NJ 08837](mailto:daly.eric@epa.gov)  
[daly.eric@epa.gov](mailto:daly.eric@epa.gov)

908-420-1707

On Oct 31, 2016, at 1:46 PM, Gieck, Tom (TE) <[gieckte@dow.com](mailto:gieckte@dow.com)> wrote:

Eric, thanks for returning my call. Below is my contact information and I have been asked by Dow Chemical/Union Carbide to look into the technical aspect of this issue. The appropriate in-house counsel is Megan McCulloch who has been in contact with EPA's attorney.

Thanks  
Tom

---

Thomas E. Gieck

Remediation Leader

2754 Compass Drive, Suite 280, Grand Junction, CO 81506

phone: 970-256-8889 | mobile: 970-260-2249 | fax: 970-245-7543

[gieckte@dow.com](mailto:gieckte@dow.com)